



ENKA

voice

DECEMBER • 1952

Hello, Kids!

Nov. 21 was a big day for kids and grown-ups of Western North Carolina. First was the Burley Tobacco Show, then Santa's arrival in a parade through Asheville, and finally the coronation of the 1952 Tobacco Queen. Highlights start on opposite page.

ENKA

voice

VOL. 22, NO. 12

DECEMBER, 1952

IN THIS ISSUE

Tobacco, Christmas, and Beauty	3
Meaning of Christmas	4
Facts and Faces	10
Lowland Profile	10
Lowland Power House	20
Sports and Recreation	20
Plant Puzzler	31
Fat Stock Show	32
Small Frys' Playground	30
Model Railroading	38
Fate of a Fabric	40
Christmas Ornaments	41

Our Covers. . . *Front:* Model Nancy Berg is wearing a Carolyn Schnurer dressy casual in Skinner's Sunbak woven with Enka yarns.

Back: Mrs. Virginia Jones takes a swatch of dyed rayon from an extractor in the Lowland Dye Lab, while Miss Betty Jean Buckner checks the dyeing procedure. Both girls are Textile Lab operators.

Published monthly by American Enka Corporation, manufacturer of high quality rayon yarns, in the interest of its employees. Jack Prickett, Editor; G. Spaanbroek, Art Director; Wilson Ayers, Sports and Recreation Editor; Bob Lee, Lowland Correspondent; and Rubie Southerland, Lowland Photographer.

PUBLISHED AT ENKA, N. C.

Burley, Santa, and Beauty...

CHAFING gales and desperate gobbles from Old Tom Turkey for first fiddle attention couldn't parry Western North Carolinians off their bee-line to downtown Asheville Nov. 21.

About 40,000 of them—mostly a kid-swarm, to be sure—sardined the mountain capital's streets and sidewalks to hail the arrival of fabulous St. Nick... the jolly, frog-throated old toymaker whose big splash doesn't come off till about a month after the moribund stand of a zoot-necked Tom.

It was an exciting day... a day architected to sate the thirsts of grown-ups as well as kids. The burley tobacco season was kicked off with a show at the City Auditorium in the afternoon... and glamorized that night with the coronation of the 1952 Tobacco Queen.

After the Yuletide parade at 5, the city's new Christmas lighting burst aglow... and Asheville stores uncurled their carpets for after-work shoppers.

For those of you who couldn't make it, the VOICE takes on a quick, five-page whirl. Shall we go?

TOP: Sweepstakes winner at the Tobacco Show, Mrs. Roy Meador, Waynesville, won first premium in general displays, flyings, and leaf... and second in lugs in the individual exhibits.
MIDDLE: Judges were Dr. Luther Shaw, second from left, of Waynesville, and Roy R. Bennett, right, of N. C. State College.

BOTTOM: A man and his tobacco.





SAILORS turned out to spearhead the Christmas parade.



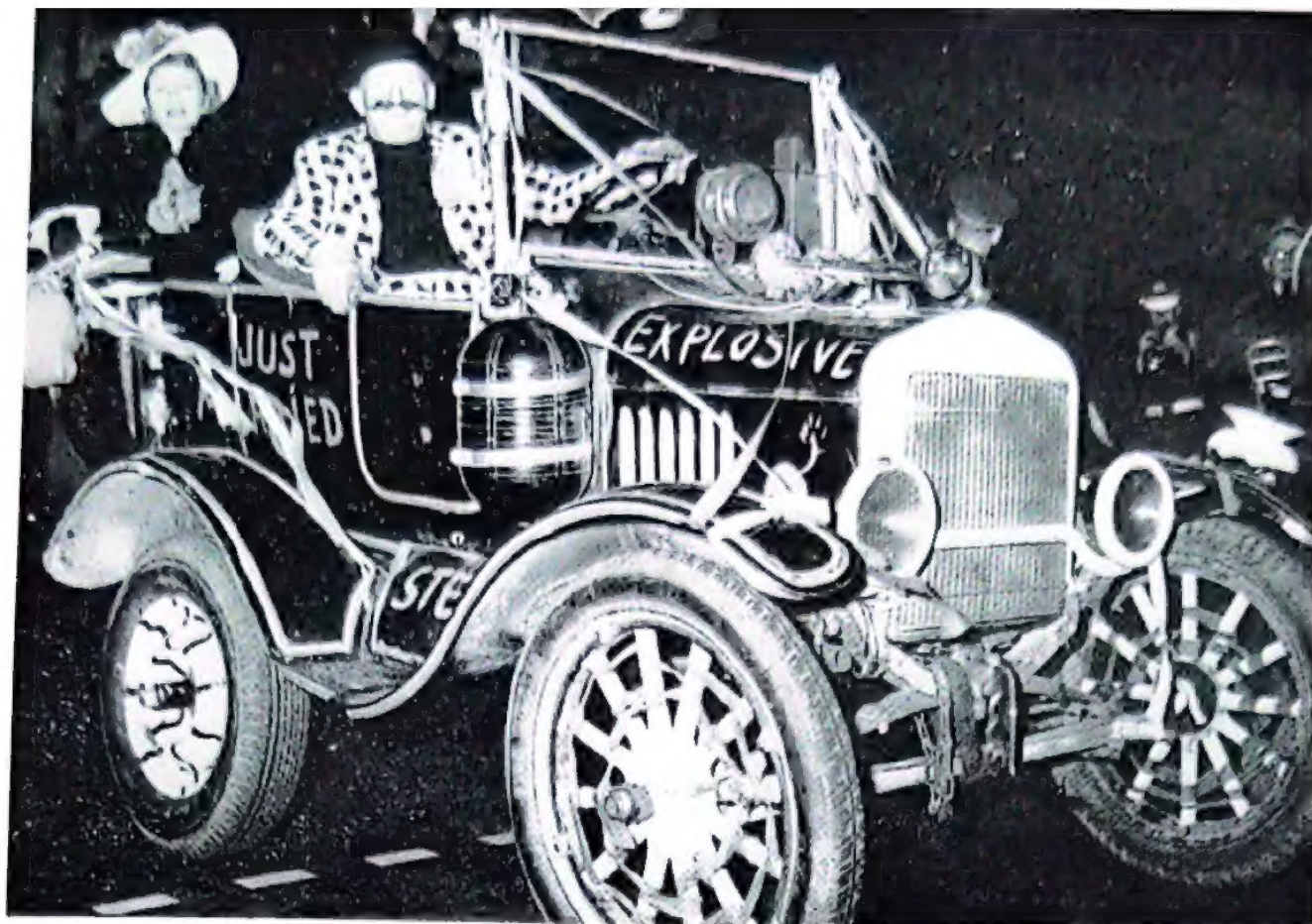
WHAT'S A PARADE without a clown—especially one in stripes?

YOUNG CLOWNS, too, rallied and bantered with the crowd.

THE LITTLE GAL caught everyone's eye. She could step it off!

Asheville
Shrine
Club
Clowns





MARY and HARRY of rare vintage made the Model T jerk, spin, and rare!

THE SAUVE and dapper were represented, too.

WWNC's FLOAT underlined the religious theme of Christmas's origin.





YOUR BEST PROGRAM

ASHEVILLE DAIRIES sponsored this float; the video slant with "your best program" . . . that being young, healthy kids who drink milk.

THE UNITED APPEAL float . . . emphasizing the current fund-raising drive to help charitable organizations.





FIFTY-ONE W. N. C. contestants for Tobacco Queen braved the cold winds to display their loveliness.

HERE'S THE QUEEN: Miss Adrienne Ann Weedon of Rutherford County is being crowned by Myron C. Peterson, chairman of the Asheville Merchants Association's tobacco committee. Miss Weedon gets a week's paid vacation at Daytona Beach, Fla., for herself and chaperone, and a \$100 scholarship to Cecil's Business College, Asheville.



Good Will? Family Get-Together?

What Does Christmas

MISS BARBARA ANDERSON, Enka Textile Lab: "Christmas is really the celebration of God's greatest gift to the world. He gave his son because he loved us, and we

share our happiness from this by giving to the ones we love. That's what Christmas means to me."



Miss Anderson

GLENN CREASMAN, Enka Filter Plant: "Christmas to me means happiness at home with my wife and children. I have a boy and a girl, and we'll be together this Christmas. Sure, we intend to have a tree and will open up our presents on Christmas morning."



Glenn Creasman

W. M. BIBLE, Lowland Chemical Dept.: "This year Christmas will have an added significance for me, as I think it will for most other Americans. The announcement last month that we have developed the Hydrogen Bomb, together with the extreme tension in Korea and the Far East, are enough to make a person return to the real Christmas meaning. This will be a serious Christmas at our house."



W. M. Bible

EULES WARREN, Enka Chemical Storage: "I love for Christmas to come. I have five children and four grandchildren and they'll all be home. We'll exchange gifts and eat lots of food—far too much than's good for us. Yes, I guess the meaning of Christmas to me . . . is just to have my kids around."



Eules Warren

LEWIS SMITH, Lowland Janitor: "Christmas is the happiest day in my life. It is the one day at our home when the family is all together. My son comes up from Georgia—my daughter comes from home—and we all enjoy a real old-fashioned Christmas."



Lewis Smith

Buying Gifts? Love, Charity?

Time Mean To You?



G. W. Cargile

peace on earth, good will toward men."

G. W. CARGILE, Enka Yard Dept.: "Even though Christmas usually is considered a time of joy and merriment for children—which is perfectly all right—I think the real meaning of the day is the remembrance of our Lord's birth and the thought that goes with that—the idea of eternal peace. Today—and particularly this Christmas—we all should pray for



MISS DOLLY SANFORD, Enka Textile Dept.: "Christmas means buying lots of gifts. I really do enjoy giving presents to my folks and friends—and no, I don't expect anything in return. I do sometimes think, however, that so much buying at Christmas time is commercializing the true meaning of the season. Actually, Christmas belongs in the church and home . . . and not the stores."



Miss Sanford

GENE ROGERS, Lowland Instrument Shop: "There is a great glory in giving and receiving gifts at Christmas time. I guess the greatest thrill I get is in seeing our 2½-year-old daughter open her gifts on Christmas morning. Despite the spirit which we enjoy in this way, we have to be careful not to let this overshadow the real meaning of Christmas."



Gene Rogers

is Christ's birthday. It is a time when the children are at home with the family. It is the surprised faces when gifts are opened on Christmas Day. And at the same time, it is the time when you are saddened by the realization that some of your friends and loved ones who were with you last Christmas cannot be with you now."

MRS. GLADYS HAUN, Lowland Candle Filter Station: "Christmas is a number of wonderful things to me. It



Mrs. Haun

FACTS AND FACES

ECSF Drive, Launched Nov. 24, Expected to Exceed 1951 Mark

The second annual drive of the Enka Community Services Fund at the Enka Plant is underway!

The drive started Nov. 24 and will continue through early December. Generous support is anticipated.

The Enka plan was created last year to conduct a one-package em-

and Buncombe County, Inc.

All organizations receiving donations from the Enka Fund last year are included in this year's drive, but many of them are not listed separately because of their membership now in the new Buncombe County United Appeal.

The administrative committee of ECSF, attempting this year to reflect the desires of all employees, has designed a program permitting contributions according to the committee's formula, to the new United Fund, or in lump sum to other causes—polio, cancer, Memorial Mission Hospital, or Asheville-Biltmore College.

ECSF distributions also will be made to organizations in the principal counties besides Buncombe in which Enka employees live. Counties and allocations based on percentages of employees living there are: Haywood, 15 per cent; Henderson, 5 per cent; and Madison, 3 per cent.

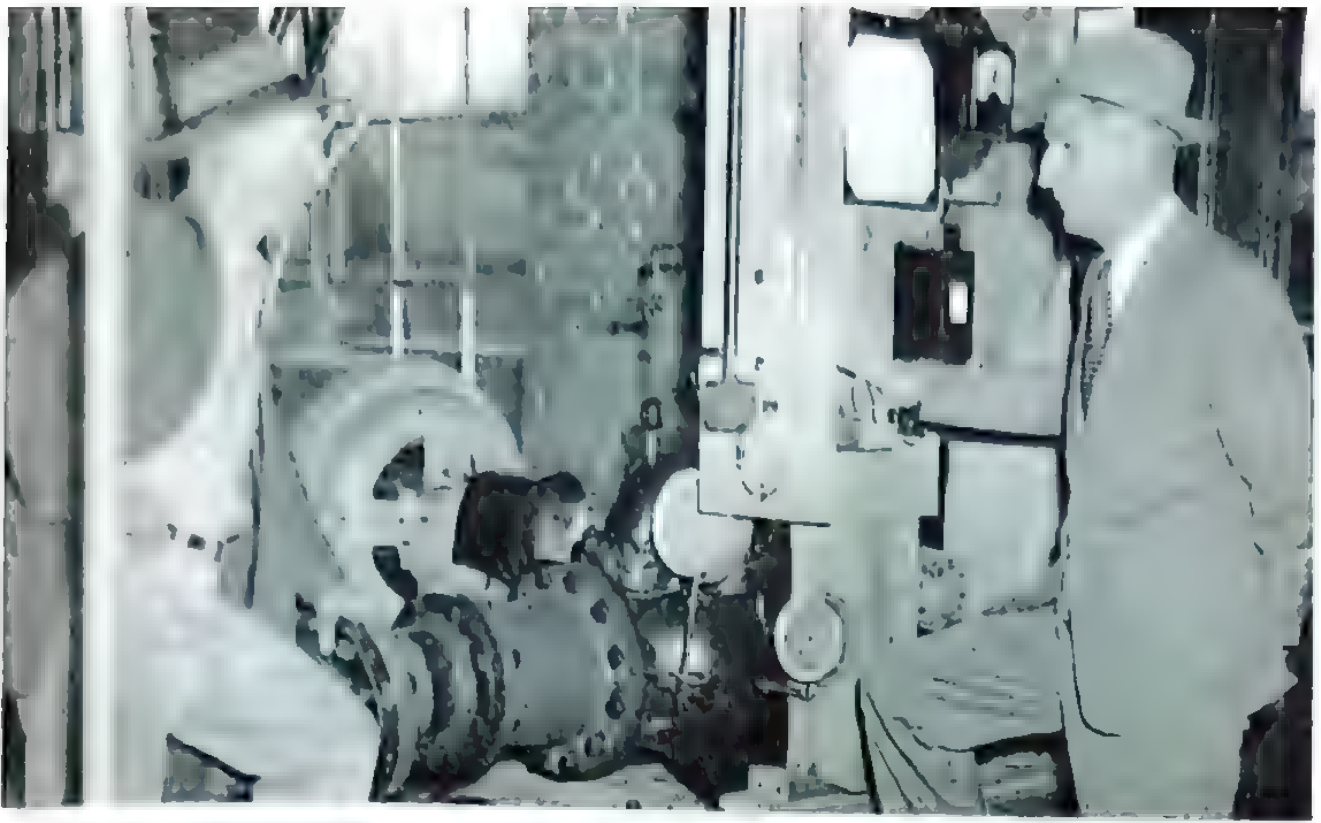
Advantages of the ECSF include not being approached by a large number of different agencies and contribution in a more painless manner—through payroll deduction.

Solicitations this year are being conducted on a departmental basis. Hourly-paid employees are solicited by a representative of management and the Union's chief steward of the respective department. Department heads are responsible for salaried employees.



ployee solicitation in support of worthy health, welfare, educational, and other charitable organizations.

In last year's initial drive employees pledged more than \$10,400 and the warm acceptance of the plan was instrumental in the formation of the new United Fund of Asheville



AUSTIN ZIMMER, right, Enka Plant service engineer, points to a flow meter showing the amount of water Enka is supplying Asheville during the current shortage. Filtered and chlorinated at the plant, the water is being pumped directly to the city water mains by a 1500 G. P. M. fire pump driven by a 150 H. P. motor. Charley Robinson, Filter Plant foreman, is at the left. (See story below).

Enka Paid High Tribute For Supplying Lake Water

Highest tribute was paid to American Enka last month by Floyd J. Padgett, director of the Asheville Water Department, for the Company's help in relieving the city's water shortage.

Enka is furnishing about a million gallons of water daily from Enka Lake.

"Enka is to be commended most highly for its splendid co-operation in all of this," Mr. Padgett said.

"The system is working like a dream. The entire community is indebted for this service."

Some complaints were registered about the Enka water, but the discoloration of water was attributed to sediment in the pipes which was dis-

turbed by the change in direction of flow. This was expected to settle.

AFL Rejected 547-432 In Lowland Election

In an election Nov. 25 and 26 hourly paid employees at the Lowland Plant rejected the United Textile Workers of America (AFL) as their collective bargaining agent. The vote was 547 against a union, 432 for.

Some 1025 employees at the plant were eligible to vote.

The election was a result of a UTWA petition filed Oct. 31 with the National Labor Relations Board in which the Union claimed to represent a majority of Lowland's hourly paid employees.



THE SNOWS CAME . . . Afternoon shift change at Lowland meant trudging through ankle-deep snow. (See story below.)

Lowland Area Blanketed By 18.1 Inches of Snow

Biggest snowfall in the Lowland area since before the turn of the century started coming down Friday morning, Nov. 21.

By shift-change time at the plant that afternoon several inches had fallen, and before the snow stopped, 18.1 inches had settled on the ground.

Cars without chains were unable to pull up some of the hills between Morristown and the Lowland Plant until the Yard Dept. scraped off the highway.

For those employees who brought their car chains to work, the Garage installed car chains all afternoon.

Some employees found themselves stranded in the Morristown area—and others were stuck at home . . . unable to get to work.

By Monday, Nov. 24, most of the streets and highways were cleared and transportation facilities were

operating normally.

Telephone cables, however, were still down in the Lowland area. So were power lines. Many employees told of being without power since early Friday morning.

Loss sustained from the storm—such as spoiled food in freezers, damaged roofs, uprooted trees, and ruined crops—will be considerable, officials report.

Calling All Pioneers Who Haven't Signed Up

The Pioneers' Club of American Enka is seeking 100 per cent membership of eligible employees.

Of about 500 employees at all locations of the Company who are eligible for membership, 344 have joined to date.

Those who haven't joined yet are urged to contact one of the club officers—Gerrit Spaanbroek, president; Mark Cathey, vice-president; Charles Hunter, treasurer; and N. E. Goode, secretary—or any committeeman.

Sole requirement for eligibility is 20 years' service with the Company or official retirement regardless of length of service.

The Club this year held one picnic (see September VOICE) and last month met in the Enka Gym for an evening of entertainment.

Four get-togethers are planned for next year. President Spaanbroek said the purpose of the Club is strictly social . . . providing Enka oldtimers a chance to enjoy themselves by meeting fellow pioneers and chatting about old times.

Employees Exhibit Hobbies





AMERICAN ENKA officials played a big role in a management seminar Nov. 6-7 at Grove Park Inn in Asheville. The meeting was sponsored by the Asheville Chapter of the Society for the Advancement of Management and was attended by representatives from 12 industrial firms. John B. Joynt, Enka's administrative engineering head, was seminar leader.

Lowland Christmas Club Pays Out \$111,876.85

Christmas Club checks going to Lowland employees this year totaled \$111,876.85. This represented \$109,866.75 in savings by employees and \$2010.10 in interest contributed by the Company.

There were 671 employees participating in the plan this year—the second operating year for these automatic payroll deductions.

Employees wanting to join the Club for 1953 may sign up between Dec. 27 and Jan. 4. Deduction cards will be available from foremen, section and department heads, and the Payroll Office.

Clubs are in multiples of \$50— as \$50, \$100, \$200, and \$500. The Company contributes 6 per cent interest on the first \$50 saved by each employee.

Deductions in 1953 for employees

on hourly and weekly salaried payrolls will start the week ending Jan. 18 and for employees on the bi-weekly salaried payroll the week ending Jan. 25. In both cases deductions are for 40 weeks.

Pension Plan Approved; 36 Employees Retire

With approval early last month by the Treasury Dept. of the Enka Plant pension plan for hourly paid personnel, 36 employees over 65 years of age were retired Nov. 28.

The pension plan officially became effective Nov. 1.

Approval of the plan had been given earlier by the Wage Stabilization Board in Washington.

The VOICE next month will carry pictures of these loyal employees, many of whom have carried on the Enka tradition since the beginning of the Company.

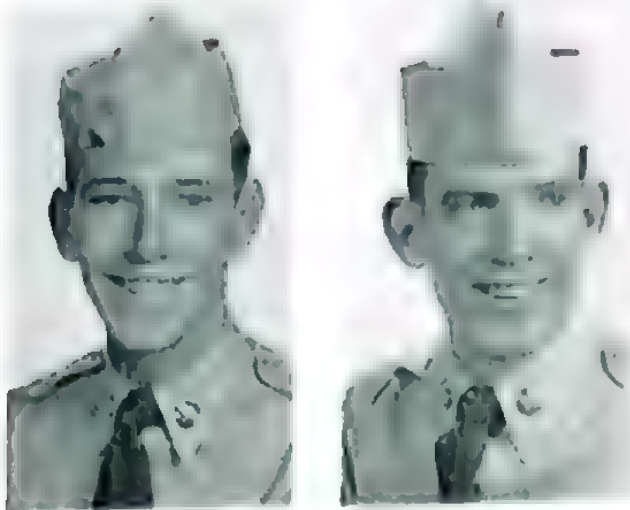
Well, They're At It Again!



WHO HAS MORE FUN than the gals in Payroll at the Enka Plant? They garbed up Nov. 13 and executed a surprise visit to Mrs. Tillie Bassett's home. Can you recognize them all? Here are some hints which will be absolutely no help at all:

1. Guess la femme considers this serenade real low-down . . .
2. Ah, yes! the gay nineties . . .
3. Omar Khayyam should see this . . .
4. Pomp and circumstance . . .
5. "I dawn vahn to be alone!" . . .
6. "Duhhh! What was the question?"





BROTHERS . . . *Andrew J. Plemmons of the Enka Plant Vacuum Wash has two sons now serving in the armed forces: Hal, left, with the 171st Field Artillery in Korea and Joe with the 843rd Engineers Battalion in France.*

The Stork Club



Twenty new tots have been reported since the November VOICE. That's only three less than last month's delivery . . . so we won't register any complaints about status quo. Congratulations to all dads, mothers, and little shavers.

ENKA

Everette J. Arrington, Spinning, daughter, Devra Kay, Sept. 30.

J. B. Whiteside, Maintenance, daughter, Alice Louise, Oct. 6.

R. F. Leazer, Chemical, daughter, Nancy Gail, Oct. 10.

Andrew D. Love, Research, son, Arthur Patrick, Sept. 11.

Walter Oldham, Chemical, son, Michael Lee, Oct. 13.

James S. Lane, General Industrial

Santa Claus to Visit Lowland Kids Dec. 22

The annual children's Christmas parties at Lowland this year will be on Monday, Dec. 22, with old Santa on hand to present toys and food-filled stockings to all children of Lowland employees.

Parties have been scheduled to enable parents to attend with their children. "B" and "D" Shift will attend at 1 p. m.; "C" Shift at 4 p. m.; and "A" Shift at 5:30 p. m.

Day workers will go at 5:30 p. m. or 7 p. m. and office personnel at 7 p. m.

Relations, daughter, Deborah Stuart, Oct. 13.

George W. Plemmons, Building, son, Robert Keith, Oct. 14.

T. J. Ingram, Chemical, daughter, Kathy Elaine, Oct. 27.

Russell H. Allen, Pot Spinning Maintenance, daughter, Nancy Ellen, Oct. 29.

V. O. Rhodes, Plant Industrial Engineering, daughter, Mary Martha, Nov. 3.

F. G. Riddle, Maintenance, son, Rickie Guv, Nov. 3.

John B. Lindsey, Spinning, son, Charles Alan, Nov. 8.

Mrs. H. B. Adkins, Coning, daughter, Theresa Annette, Nov. 12.

Robert L. Peacock, Technical Service, daughter, Anna Marie, Nov. 13.

Forrest H. Young, Jr., Power, son, Richard Lee, Nov. 16.

R. D. Elingburg, Shipping, daughter, Shelia Corrine, Nov. 18.

LOWLAND

Homer Johnson, Spinning, son, Jerry Ray, Aug. 22.

Irving W. Hale, Power House, son, Irving W., Jr., Sept. 23.

Brooks M. Whitehurst, Chemical Process Control, son, Garnet Brooks, Sept. 26.

Lee Roy Cureton, Spinning, daughter, Sara Lee, Oct. 1.

News on the Half-Shell ...



Two new units have been established in the Building Section of the Enka Plant Engineering Dept. — Yard and Janitor. H. C. Platzgraf heads up the former; F. D. Brendell the latter.

A seven-page spread on the history and development of American Enka is featured in the fall edition of *American Fabrics*.

Witt Community Club has won first place in 1952 Hamblen County, Tenn., community improvement contest. Lowland, winner last year, was second.

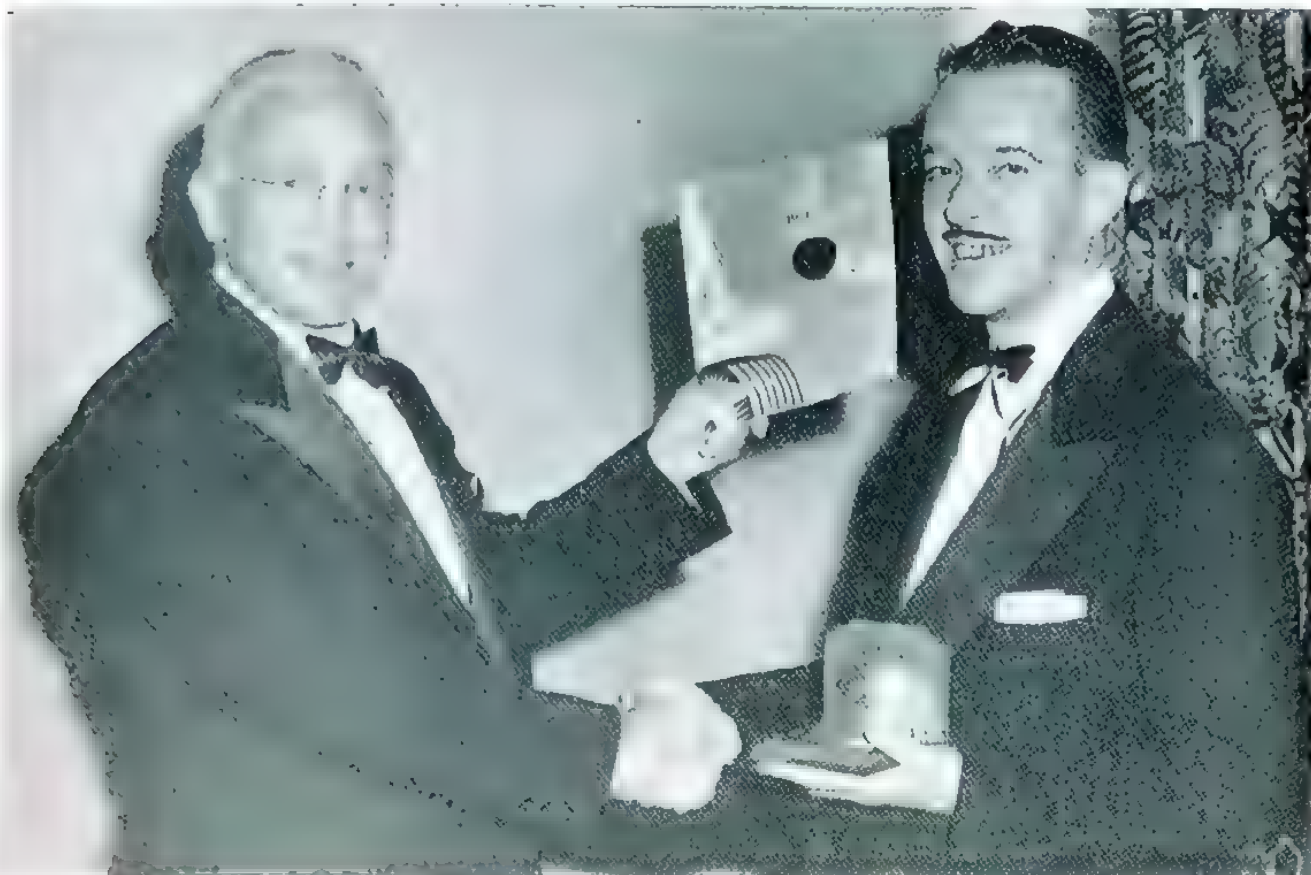
J. D. Brown, Enka Plant safety director, has been named 1953 chairman of the Buncombe County chapter of the American Red Cross.

Research Dept. at Enka has announced two new appointments . . . Dr. G. H. White, Jr., as Leader, Applied Chemical Research Section; D. J. Godehn as Leader, Pilot Plant.

A. W. Quillian, III, and Lewis W. Christoffel of the Lowland Plant have received licenses to practice engineering in Tennessee.

Pen Pal Wanted: Th. van Heumen of Sloetstraat 57, Arnhem, Holland, has written us a letter requesting correspondence with an American boy about 18.

RAYON INDUSTRY'S BEST . . . Gaylord Davis, left, vice-president and treasurer of American Enka, accepts the bronze "Oscar of Industry" trophy for Enka's 1952 Annual Report, judged best in the rayon industry. Weston Smith of Financial World magazine—which conducted the survey—is making the presentation.





MOMENTO . . . George Rogers, left, is presenting M. L. Hine a watch from employees of the Enka Plant Warehouse. Mr. Hine, supervisor of the Stores Section, retired Nov. 28 after 24 years with the Company.

Cupid's Corner



"True love is eternal, infinite, and always like itself. It is equal and pure, without violent demonstrations: It is seen with white hairs and is always young in heart."—Balzac.

Congratulation and best wishes to the 14 couples whose marriages were reported last month.

ENKA

C. M. West, Salvage, and Fannie B. Carter, Nov. 8.
James McClure, Twisting, and Margaret Rice, Oct. 27.
Anne Ewers, Textile Lab, and D.

Company to Discontinue Contributions to MDBA

Effective midnight, Dec. 31, the Company will discontinue all contributions to the Enka Mutual Death Benefit Association, E. M. Salley, Jr., Enka Plant manager, has announced.

While in no way responsible for its operation, the Corporation has added to the Association's benefits 25 per cent of the amount assessed from its membership when a member died.

Since 1936 the Company continually has increased the amounts and types of benefits it provides without charge to all employees. An overall benefits program now has been rounded out.

After reviewing this overall program and the expenses of maintaining it, the Company now feels further contributions to the Association cannot be made, Mr. Salley said.

C. Penland, Oct. 25.

Martha E. Roberts, Spinnerette, and Judson M. Paxton, Jr., Oct. 26.

Adrian J. Troeleman, Textile Lab, and Barbara J. Hill, Sept. 27.

LOWLAND

Clarence Dyer, Warehouse, and Syble Stroud, Aug. 6.

Hugh Anderson, Chemical Lab, and Betty Cross, Aug. 8.

Mike B. Booker, Spinning, and Agnes Price, Oct. 10.

McDonald H. Lowe, Textile Maintenance, and Jane Hull, Oct. 17.

Jane Styke, Glass Shop, and Marshall W. Smith, Oct. 19.

Hugh C. Jones, Air Conditioning, and Laura Stratton, Oct. 25.

Robert K. Holt, Industrial Engineering, and Ozella Sutton, Oct. 31.

Mary Bacon, Textile, and Carl W. Wice, Nov. 1.

J. C. Pack, Spinning, and Peggy Greene, Nov. 1.



Glenn Maddron

Lowland Profile

'I Live Paint'

"I LIVE paint day and night—and love it!"

Glenn Maddron thus outlined his daily life pattern. This complete devotion to his work will mean security throughout life, for Glenn finds he must stay busy all the time to fill demands for his services.

Glenn is Lowland's sign-painter. Since he started at Lowland in 1948, he has missed only one day of work—because of a death in the family.

His start at sign-painting came much earlier than 1948, however. In fact, it was in 1931 that he used the brush on a jet oil bottle to paint with liquid shoe polish a "Keep Out" on his father's garage door. That sign, by the way, is still readable.

Interest in art always has been first with Glenn. It was always Glenn's brother who used their study desk for school work. Glenn used it for

drawing a mule or other sketches.

It was not unusual, then, that Glenn should find his first employment as a painter with contractors. This was in 1937. Since then he not only has painted as a vocation—but has made it his hobby as well—and a profitable one at that.

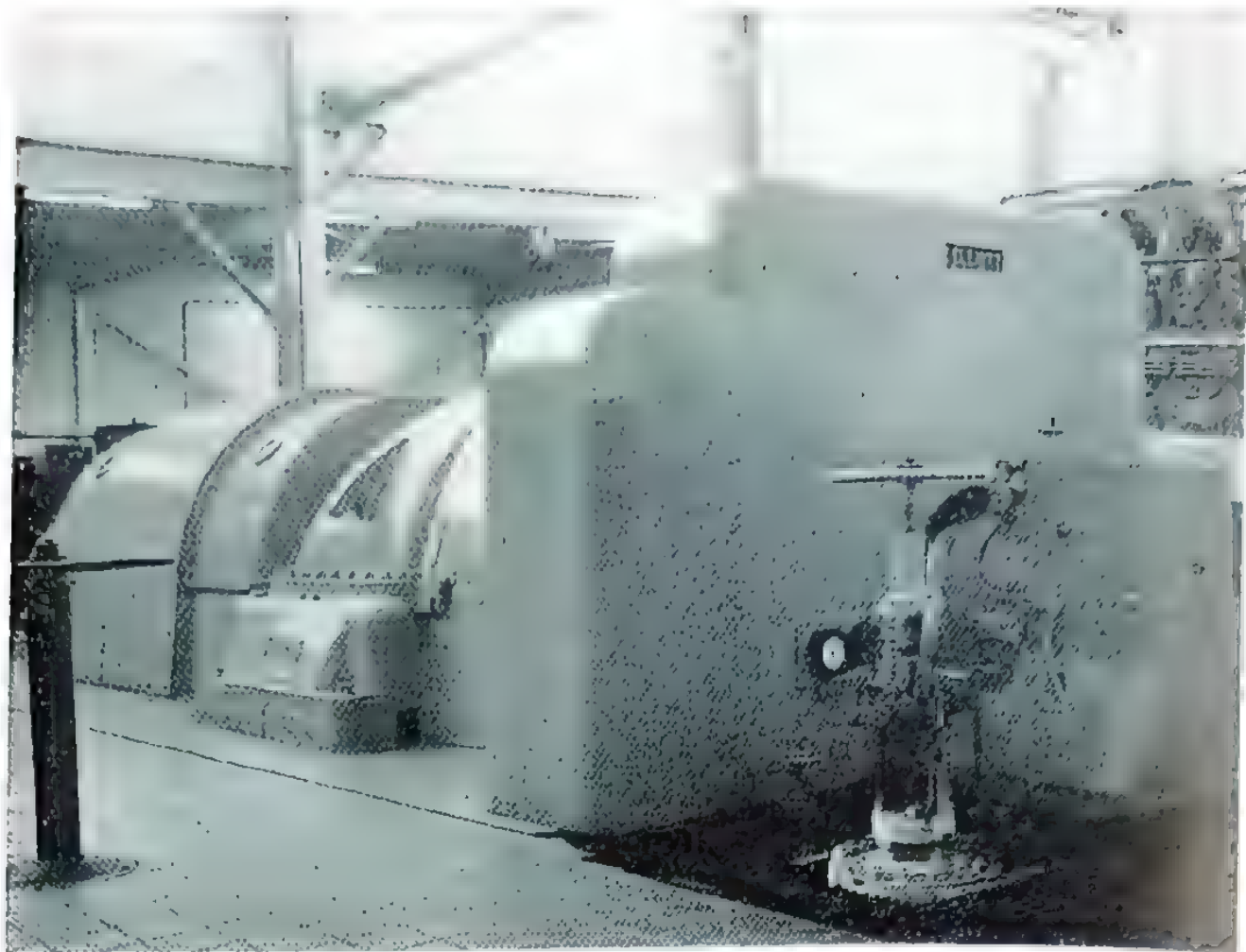
Glenn says he spends 16 hours a day sign-painting. It never seems to slow down. Even while Glenn was in the infantry for 5½ years during World War II, he had to paint signs in his spare time. This was because he couldn't get a sign-painter's rank in the Quartermaster Corps.

After the Army, Glenn married his best critic. He says Ruby tells him in no uncertain terms anything that is wrong with his work . . . or any detail she doesn't like. "It always manages to come out right when I follow her suggestions," Glenn says.

A distinguishing characteristic about Glenn's tastes is his love of strong, loud colors. His hair was red when he entered the Army—but the sun in Africa and Sicily soon turned that to a sandy shade. The two children, Glenda Lee, 5½, and Bobby Lynn, 2½, have flaming red hair. The Maddron automobile is the reddest shade available. The Maddron home is in green chartreuse.

Glenn uses vivid colors on the signs he paints, too. They are noticeable in the Christmas painting shown in the accompanying photograph. When finished, this panel will be displayed at the plant entrance.

To some it might sound as though Glenn Maddron "is asking for it." But just ask him. He'll be mighty quick to say his hobby isn't costing him a thing. In fact, it's helping meet expenses—and, at the same time, preparing him for a rainy day.



BEFORE OVERHAUL, the Elliott Turbo-Generator looks like this. Weighing 47 tons, this machine costs \$210,000 before installation. It has to be overhauled and thoroughly inspected every two years in order to insure against costly production interruptions.

Power That Must Go On!

POWER failures cost money—big money!

A burned-out rheostat caused a failure May 16. It snagged production only 80 minutes—but cost \$11,500.

A failure Feb. 15 occurred when a steam line broke. Production was interrupted three hours and 50 minutes—at a cost of \$9800.

Little wonder, then, that a planned program of preventive maintenance is followed in the Lowland

Power House.

Every two years the PH maintenance crew, headed by Bill McCune overhauls each turbo-generator and—at other regular intervals—carries out a thorough preventive maintenance program designed to reduce power failures to insignificance.

A turbo-generator weighs 47 tons and costs \$210,000 before installation. Naturally such a machine calls for painstaking attention and careful handling.



CASE BOLTS are loosened as the first step in overhauling a generator. Left to right are: J. N. Coile, William Bragan, J. B. Hayes, Jerry Fowler, and J. C. Drake.

An overhaul job means five men fighting relentlessly against time for six to eight days. Nervous tension plainly is visible . . . for the slightest miscue could ruin the machinery and cost a small fortune to repair.

Know-how for going about this work can be gained only through years of experience. Power House Superintendent Renno Hall has 25 years' PH experience—but even so—is the first to admit he learns something more each day.

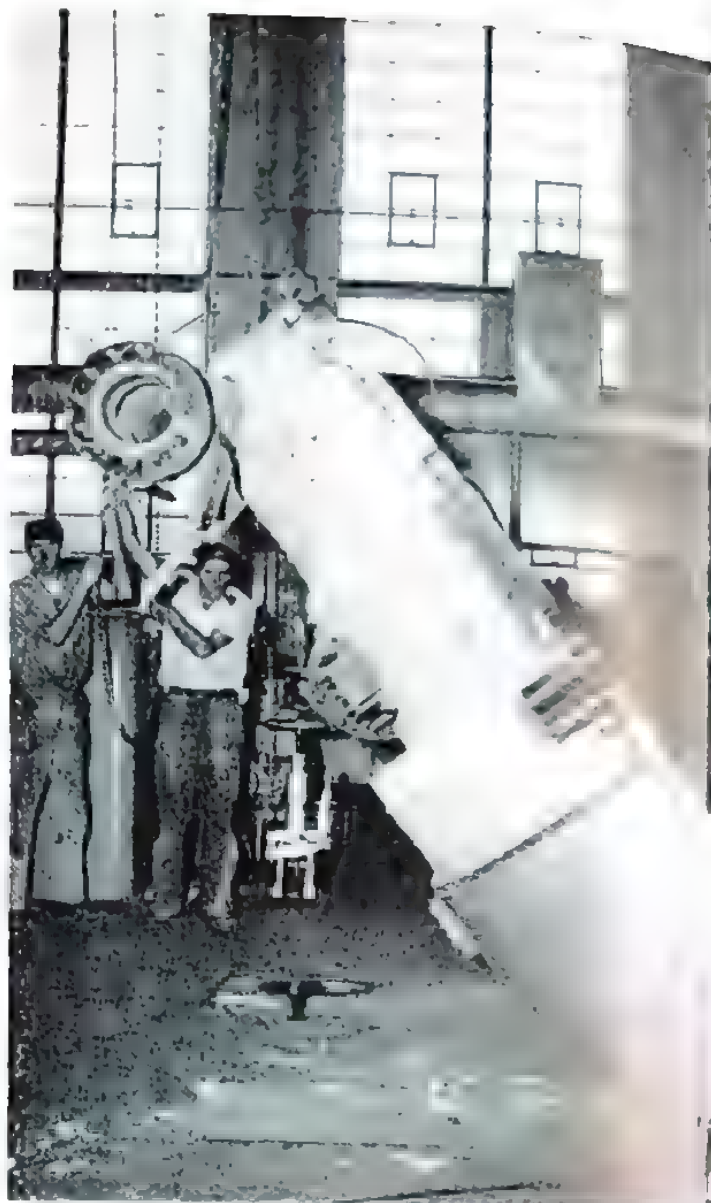
So—for this work—it takes strong men . . . men with knowledge, cool heads, and steady nerves. The pictures in this spread attempt to bring out the immensity of the task and the rock-ribbed respect the PH maintenance men have for the tediousness involved in carrying it out.

STEAM CHEST nuts are loosened with an air torque wrench. J. B. Hayes is operating the wrench. Jerry Fowler is assisting.

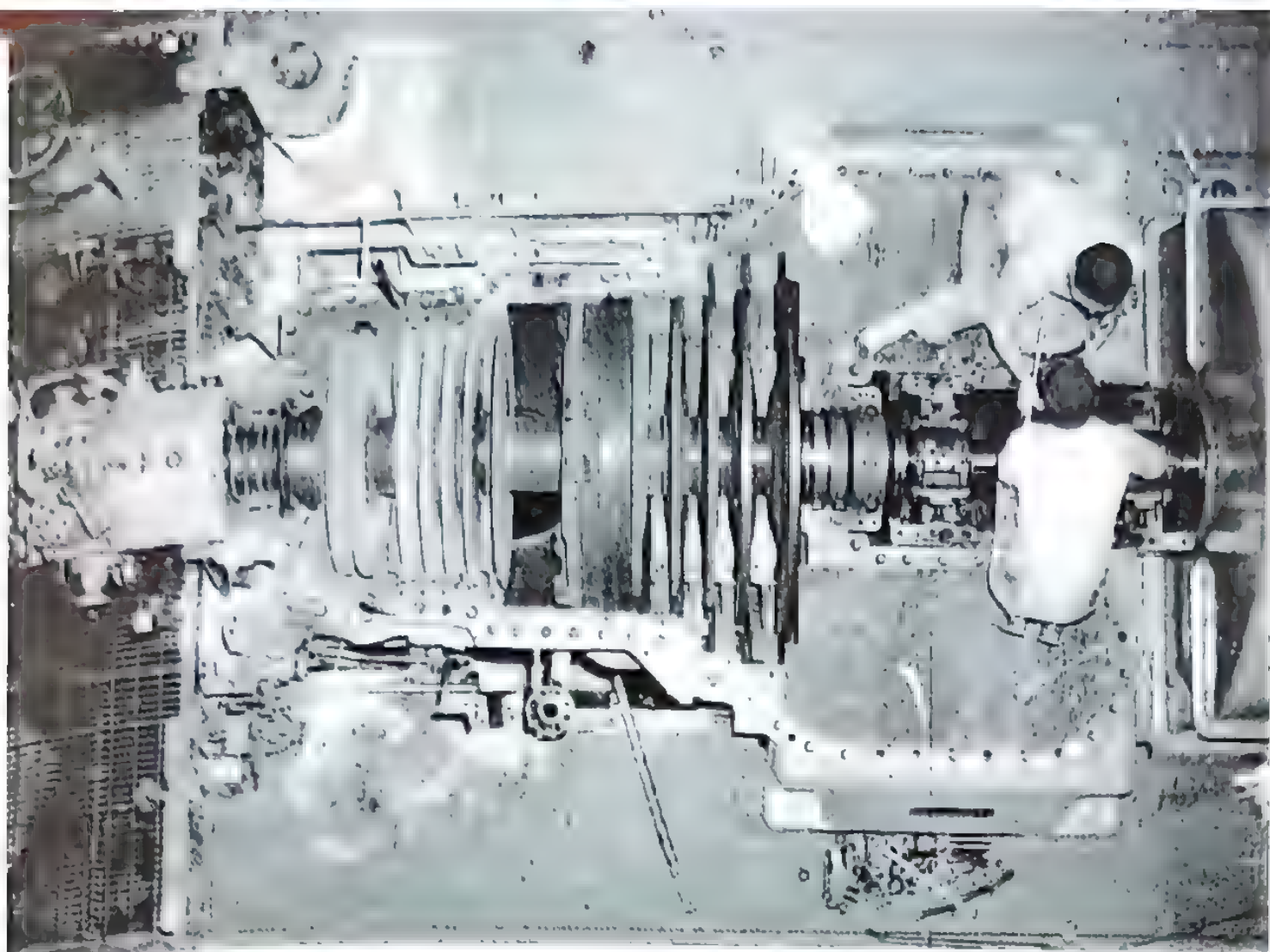




LIFTING UPPER CASE of the turbine is started when nuts have been removed. A lot of time is required to balance the case as shown here. Irving Hale stands with back to camera. Foreman Bill McCune is riding on top of the case with J. B. Hayes. That upper case just weighs 7½ tons!

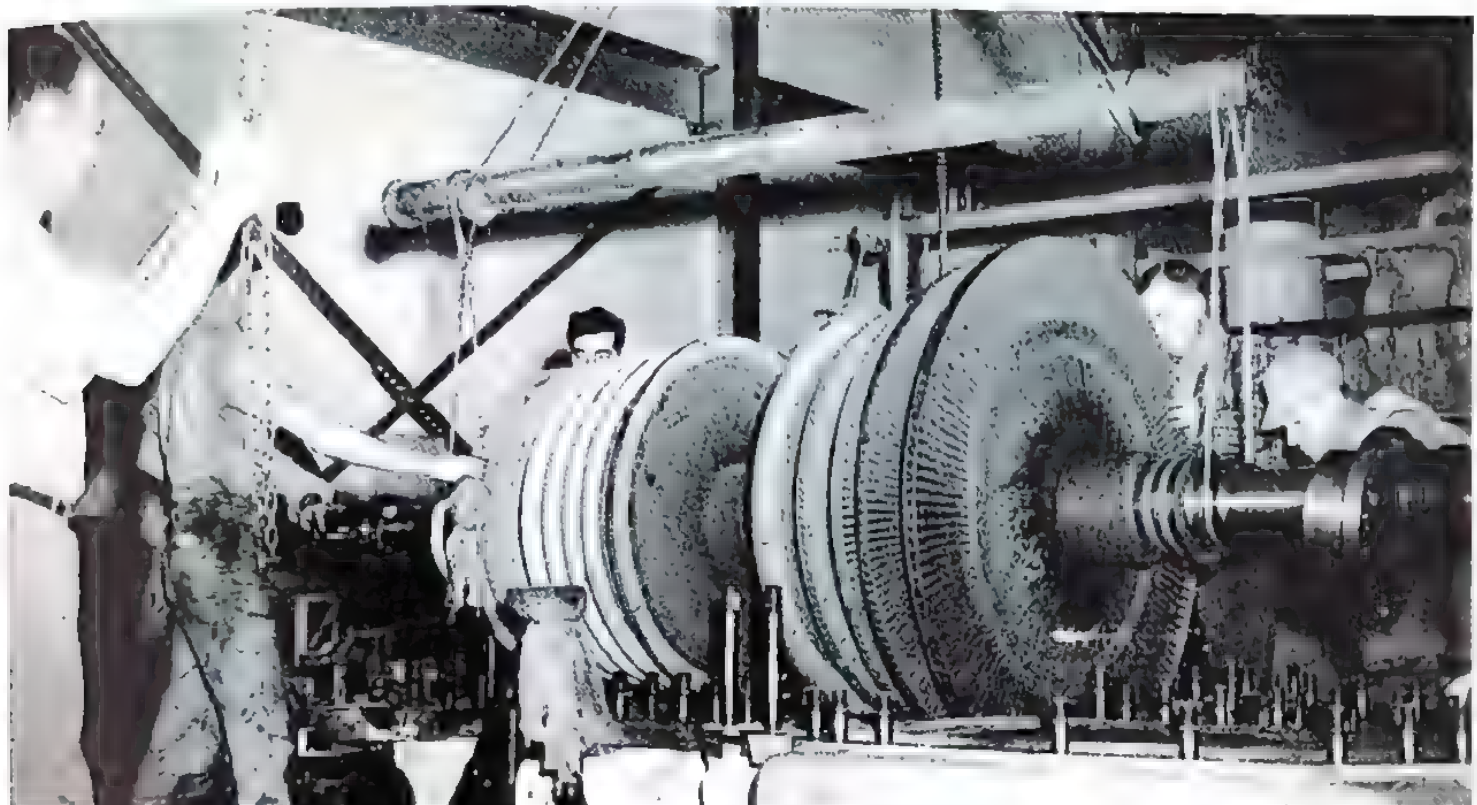


TURNING THE CASE on its back also is tricky business. Working the crane controls are J. N. Coile and J. B. Hayes. A wrong move could be mighty expensive here.



UNDERNEATH CASE is the rotor. Before the rotor can be removed the flexible coupling between the generator and turbine must be unbolted. This picture was taken from a crane 30 feet above the generator.

LIFTING ROTOR from its position is another very tricky matter. M. L. Harriger of the Elliott Company carefully controls the crane movement as six other men watch every slight movement of the rotor to prevent damage.



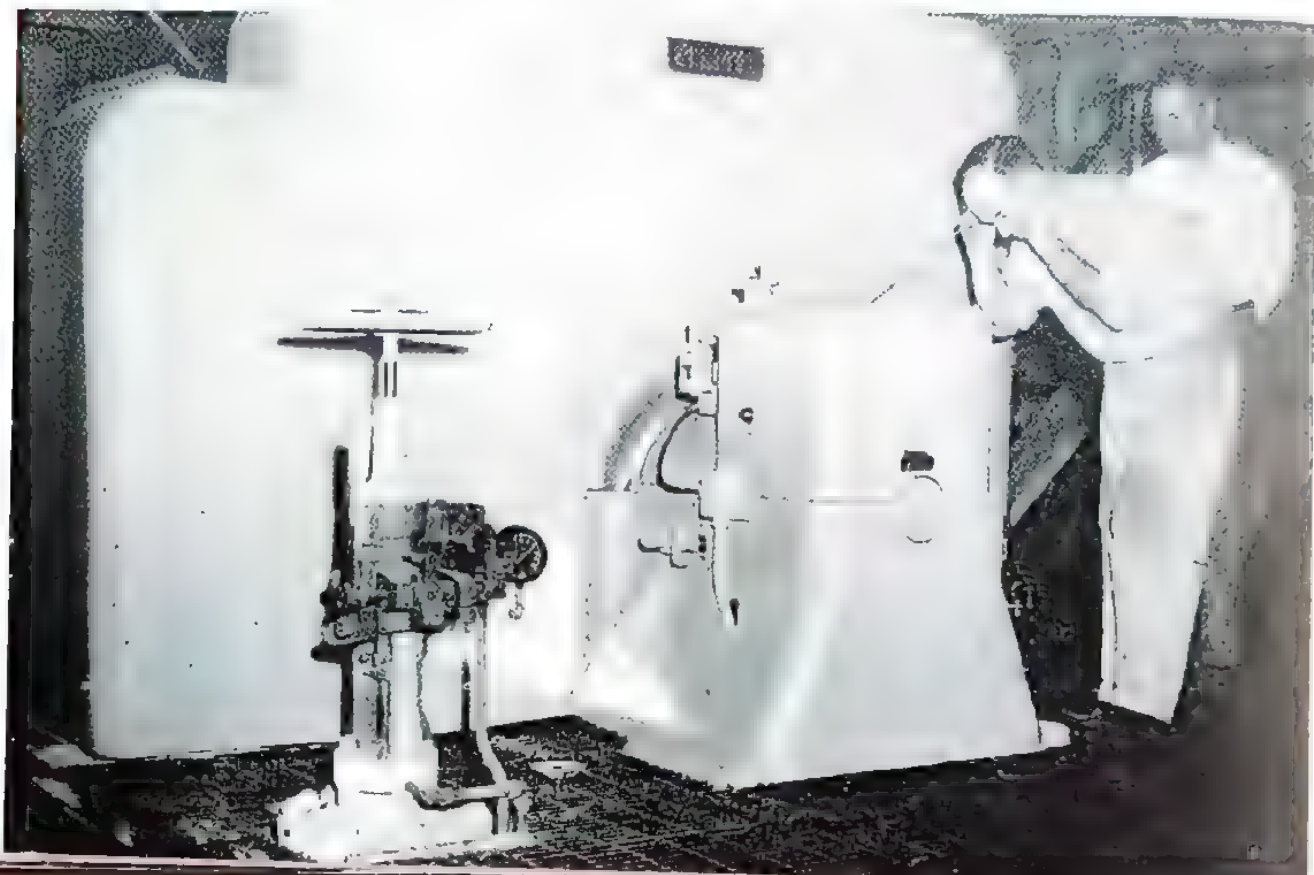


CLEANING ROTOR WHEELS is a slow job which is done by hand. J. N. Coile uses sandpaper and a wire brush to insure thorough cleaning.

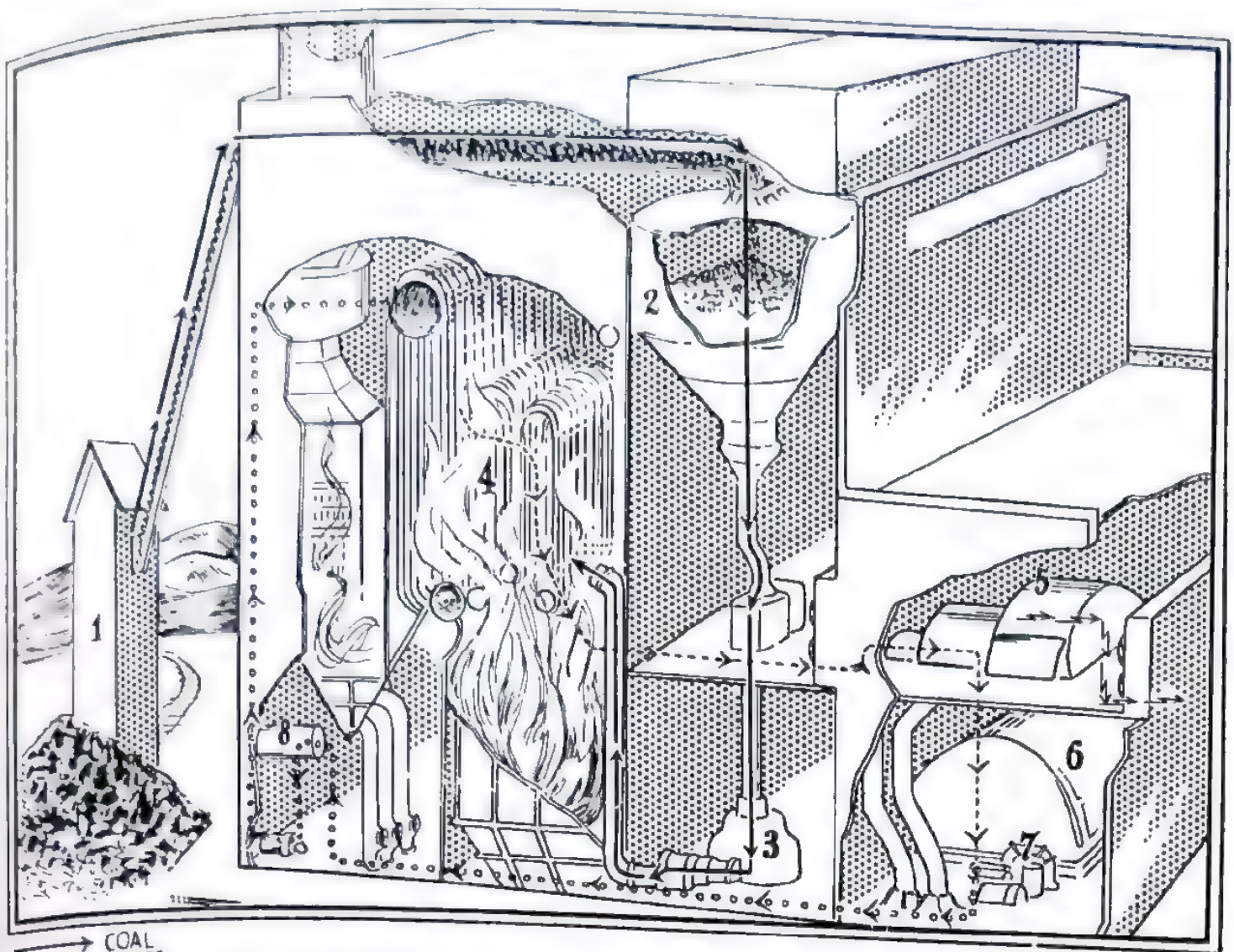


COLLECTOR RINGS which conduct electricity in the Direct Current end of the generator are polished here by Carl McGlister, using a portable grinder.

REASSEMBLED GENERATOR is started slowly and checked for good running condition. Mr. Harriger of the Elliott Company uses a listening rod to check the internal performance of the generator. Renno Hall, superintendent of the Power House, watches the operation closely, ever on the watch for the smallest wrong detail in operation.



How Electricity Is Made



A TURBO-GENERATOR is only one of many expensive pieces of equipment necessary to produce electricity. The coal enters the crusher (1) and is conveyed to the hopper (2) then fed to the pulverizer (3), where it is broken into tiny particles which are blown into the boiler (4), with heated air.

Water flowing through tubes inside the boiler absorbs heat and turns to steam. This steam is superheated, then piped to the turbo-generator (5). As the steam shoots through the turbine it runs a generator which makes electricity. The steam cools and condenses back to water (6) and is pumped (7) to heaters (8) and returned to the boiler, along with treated water from the Filter Plant.

SPORTS & RECREATION

Enka Rayonites' Pre-Holiday Schedule Features Games With College Fives



Enka's Rayonite cagers face plenty of heavy artillery during December. An eight-game schedule for the month features games with Furman, Wake Forest, and Clemson—and Dixie League clashes with Dunegan and Pelzer.

The Wake Forest, Clemson, and Pelzer games are slated for the Enka Gym. Furman will be played at the Hendersonville Gym, and the Dunegan game Dec. 6 in Greenville, S. C., opens Enka's League campaign.

The first Dixie loop home game is with Earl Wooten's Pelzer Bears Dec. 13. The Bears are defending champions of the League.

First game on the college slate is with Furman Dec. 16. Wake will be here the next night, and Banks McFadden's Clemson Tigers invade the Enka Gym Dec. 19, Enka's last game before the Christmas holidays.

The fun-loving House of David team, always a popular drawing card on the Rayonite slate, will make its appearance here Dec. 30.

Sam Patton's hardwood crew also will meet Victor Mills, a former Dixie League member, here Dec. 4 and will travel to Piedmont Dec. 10

(Continued on next page)

EX-WAKE FOREST cager Tunney Brooks, a high scorer and defensive standout with the Demon Deacons the last two seasons, turns his talent toward the Rayonite cause this season. Brooks hails from Wilson, N. C.

to tangle with Vee Story's Rangers.

First game on the Enka docket was with Dick Groat's Duke All-Stars Nov. 29. It was the first Western North Carolina appearance of the great Duke double All-American.

In all, Enka will play a 25-game schedule ending with the fifth annual Dixie League tournament here the third week in February. Fourteen are home contests, and 12 are League games.

Back from last year's team are Deran Walters, Will Kaylor, Dick Gudger, George Lancaster, Fred Brendell, and Coach Patton. Newcomers are Tunney Brooks, Joe Conner, J. L. Mashburn, and Ed Brinkley.

Station WSKY Will Air Rayonites' Home Games

Practically all of Enka's home games will be broadcast by Asheville radio station WSKY. This station has carried Enka games for the last three seasons.

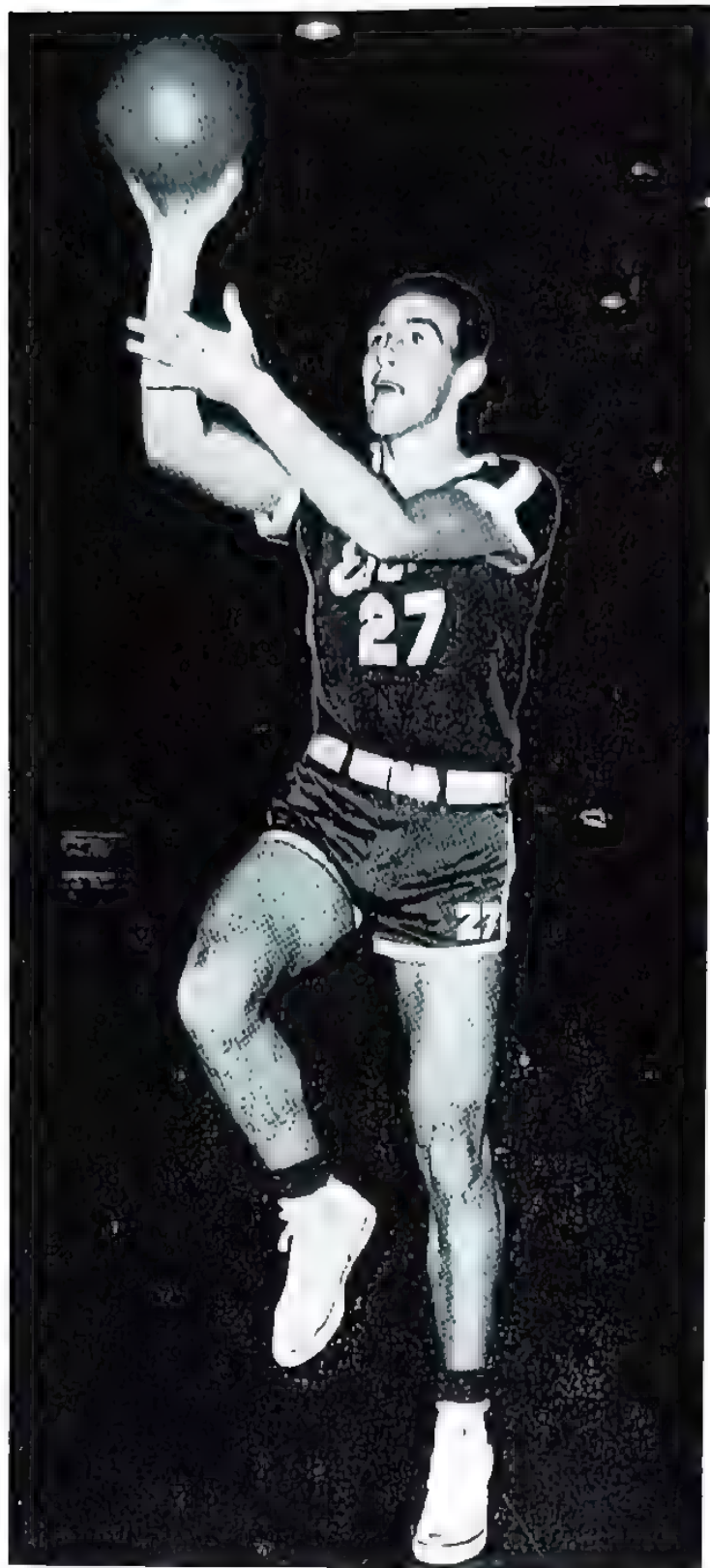
Zeb Lee, popular Asheville sportscaster, will do the play-by-play and Frank Messer the color.

Candler Quintets to Play Home Games at Enka Gym

Home schedule of the Candler High boys and girls basketball teams will be played on the Enka Gym floor this year.

The schedule is: Jan. 9, Biltmore; 16, Black Mountain; and 29, Swannanoa.

Feb. 3, Fairview; 6, Valley Springs; 13, Sand Hill; 17, Leicester; and 24, Sand Hill (latter's home game.)



A PROMISING NEW member of the Enka team is former Sand Hill star Joe Conner who is operating as a Rayonite forward. Joe has just finished a four-year Army stint. With Fort Benning, Ga., last season, Conner averaged 19 points per game.



Information as You Like It!

You don't have to be a bookworm to enjoy the Enka Plant Employees' Library.

If you don't believe it . . . just stroll through its doors across from the Textile Cafeteria someday and acquaint yourself with its variety of activities and services.

Open each weekday from 8:15 a. m. to 5 p. m. and on two nights each week for night workers, the Library is rendering an excellent service under the leadership of Mrs. Jacoba Beumer, librarian, and Miss Helen Foehl, assistant.

Many years ago, soon after completion of the plant, the Library was organized and since has proven an excellent investment. Everyday, employees relax here during the lunch hour—checking out books, reading

magazines, or browsing around obtaining information on various subjects.

Besides lending books, the Library sells a fine selection of greeting cards, gift-wrapping paper, and postage stamps—all for the convenience of employees.

The Library has at the disposal of employees about 5000 volumes of fiction and fact.

Its increasing popularity can be traced by circulation. In 1946, the Library circulated 6945 books to employees and their children. The demand has grown steadily and last year 10,377 books were circulated.

About 15 new books are added each month.

The Library acquires all latest
(Continued on Page 30)

Firemen Hold Wide Lead In Enka Bowling League

For the second straight month, the Fire Department keglers are on top of the Enka Plant Bowling League.

They have extended their advantage to a wide margin over the nearest competitor and now claim 22 victories against only six setbacks. Their nearest rival, Industrial Engineers, has a 14-6 mark.

The high individual game is held by John McClain with a roll of 250. Harold Shoemaker has the high set of 687. "C" Shift Spinning and the Firemen are tied for the high team game with 1021. The Spinners hold the high team set of 2844.

Standings of other teams—in order—are: "C" Shift Spinning, 15-9; Safety, 14-10; Electric Shop, 12-12; "A" Shift Twisting, 9-11; "B" Shift Chemical, 2-18, and Receiving, 0-16.

Area Youngsters Begin Winter Hardwood Action

Play in the four basketball leagues for youngsters of the Enka area gets underway Dec. 1 with a record enrollment of 211 youthful cagesters set to go.

Athletic Director Sam Patton has organized four leagues—two for girls and two for boys. Eighteen teams have been formed to date.

Deadline for enrollment is Dec. 15, and Patton has urged all kids who have not signed up to do so soon.

All-Star teams will be picked from the entire group to play outside teams as preliminary contests to the Rayonites' games.

The youngsters will be admitted

free to all home games of the Rayonites other than those under special contract.

Four teams — Upper Hominy, Beaverdam, Pole Creek, and Reeves Cove—comprise the Teen-Age Boys League. Six teams—Beaverdam, Village, Brooks Cove, Upper Hominy, Candler Heights, and Starnes Cove—form the Midget Boys League.

The Teen-Age Girls League also has four teams—Village, Case Cove, Pole Creek, and Candler Heights.

Teams in the Midget Girls League are Upper Hominy, Numbers 1 and 2, Candler Heights, and Village.

In practically all cases the players reside in the community they represent. The four leagues will see action once each week.

One game already has been scheduled for the Midget boys All-Stars. They will play the Hendersonville Elks Midgets as a preliminary to the Enka-Furman game at Hendersonville, Dec. 16.

Josie Stevens Bowls Way Into League's Big Ten

Josie Stevens, captain of the Enka team of the Asheville Women's Bowling League, has moved into the Big Ten of the loop's rollers. She boasts an average of 137.

The team now is in fifth place in the 10-team circuit and has a record of 16 wins and 14 losses.

Enka's mens team in the W. N. C. Ten Pin League failed to improve over the past month and stands ninth with a record of 15-21. Lane King paces the club with a 180 average.

Five Turkey, Ham Shoots Announced for December

Five Turkey and Ham Shoots will be at the Hominy Valley Horse and Hound Club near Enka this month.

Dates and sponsors are: Dec. 6, Junior Order; Dec. 13, Sand Hill Men's Club, which will feature frozen dressed turkeys (proceeds to help pave a sidewalk between Sand Hill's High and Elementary school buildings); Dec. 20, Candler Lion's Club; and Dec. 25, 27, Hominy Valley Horse and Hound Club.

Enka Library Offers Many Valuable Services

(Continued from Page 28)

"best sellers" and on its reading tables are found current issues of the most popular periodicals.

Besides fiction and non-fiction books, the Library boasts an Encyclopaedia Britannica, Webster's Unabridged Dictionary, several years of back-numbers of the National Geographical magazine, the latest publications of the State Board of Health and U. S. Department of Agriculture, and all bound copies of the Enka VOICE from "way back."

C. Vanderhooven, former corporate secretary of Enka, recently donated bound copies of *Life* magazine, dating back to the first issue Nov. 23, 1936.

All employees and their families are extended full use of its facilities.

Books may be checked out for two weeks and then renewed for an additional period free of charge.

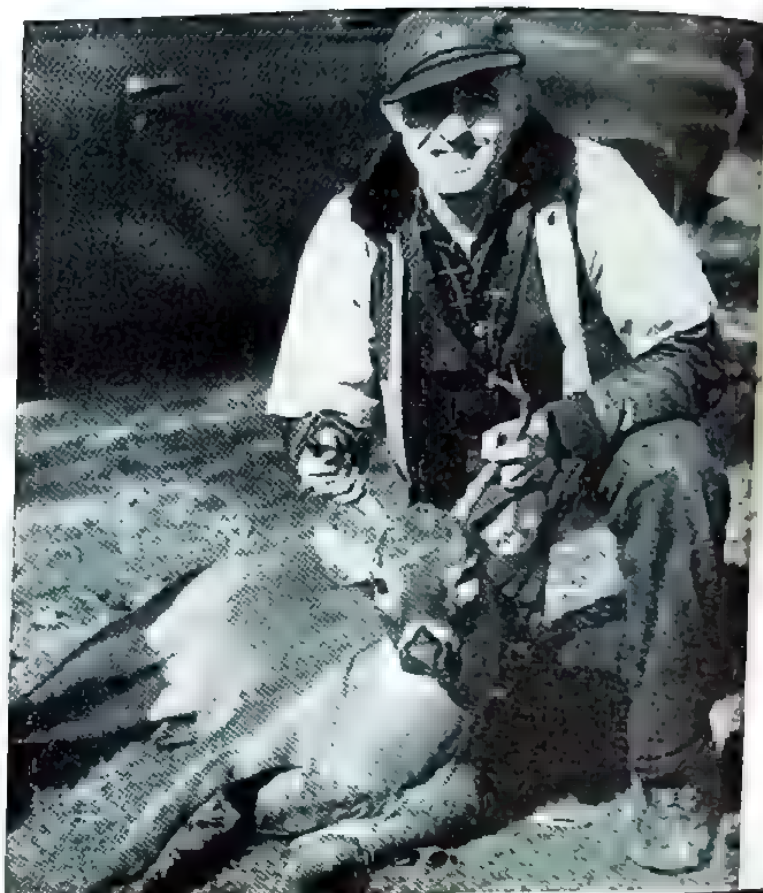
In the case of popular books of heavy demand, a list is made of those desiring it and a member of the staff informs the reader when the book will be available.

Mrs. Beumer and Miss Foehl have been exceptionally gracious in offering "extra favors" as part of the service. They are called on to obtain special books and magazines, re-type poems, and obtain research material for many employees.

At the present time a series of exhibits of employees' hobbies is being presented, resulting in much interest by exhibitors and spectators alike.

There's your Library. Remember it is yours—for your enjoyment and convenience. Make full use of it!

JOHN HARD, Enka Plant Industrial Relations Dept., recently bagged his first deer—a 140-pounder—in Pisgah National Forest.



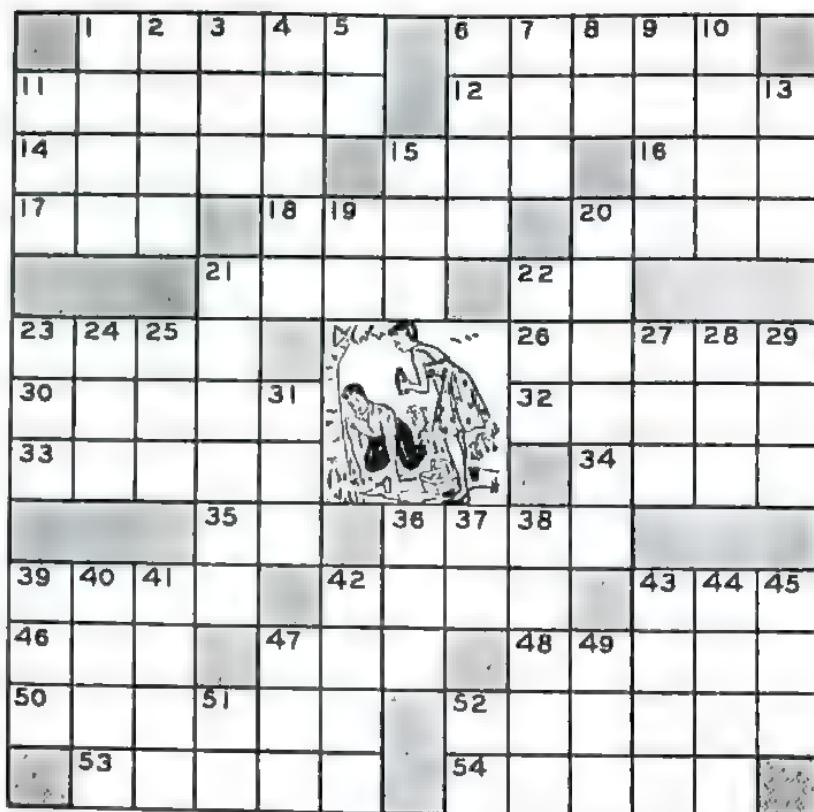
Plant Puzzler

ACROSS

- 1, 6. Duration of Lowland 1952 Picnics
11. A Midway attraction
12. Distinguished Enka plant man who buys a Bond a Month
14. Appetizing odor from food
15. Lowland's Picnics were a big _____
16. Chemical _____, an Enka department
17. Encountered
18. Noise made by train whistle
20. Wagers
21. Big Top
22. Negative
23. Above
26. Suggestions
30. River tributary
32. Game of chance played at Lowland Picnics
33. Paces
34. Paradise
35. Pronoun
36. Water barriers
39. Kiddies' attraction at Lowland Picnics
42. Used in making rayon
43. Ideology
46. I love (Latin)
47. Purse
48. Men (slang)

Last Month's Answer

S	A	L	V	A	G	E		H	O	M	E	R
P	R	O	S	S	E	R		A	R	E	N	A
Y	E	W		P	E	A		R	A	N	K	S
				L	E	S	S	O	R			A
E	N	G	I	N	E	E	R	I	N	G		
G	U	L	P	S				S	O	R	T	I
O	L	E	O							R	E	A
S	L	A	M	S				S	W	E	L	L
				M	A	I	N	T	E	N	A	N
P	A			S	I	R	C	E	Y			
I	N	G	O	T		A	L	E		A	S	P
P	O	O	R	E		M	A	Z	U	R	K	A
E	N	T	E	R		S	T	E	N	C	I	L



50. This year's new attraction at Lowland Picnics
52. Entertainment atmosphere at Lowland Picnics
53. Adolescents
54. Sea

DOWN

1. Ripped
2. Noise made by owl
3. Revolutions per minute (ab.)
4. Please
5. Each (ab.)
6. Bit
7. Establish (ab.)
8. Exclamation
9. Vegetable
10. Lath
11. On the menu at Lowland Picnics
13. Pounds (ab.)
- 15, 36. On the menu at Lowland Picnics
19. Preposition
20. Corpses
21. The Little Brown

- Jug won by Lowland Plant Golfers
22. Pen point
23. Obsolete (ab.)
24. Container
25. Principal hazards at Enka are _____ injuries
27. Conclude
28. Time of life
29. Male issue
31. Utilize
36. (See 15 Down)
37. Advertisement
38. Lowland Picnic show featuring Tommy Thomson
39. Girl's nickname
40. Leave out
41. Protuberance
42. Speaks
43. Peruvian Indian
44. Render unconscious
45. Manuscripts
47. Prohibit
49. Before
51. Pronoun
52. Company (ab.)

(Answer next month)



Beef Show

MORE than 100 4-H Clubbers and Future Farmers of America from 11 counties of Western North Carolina last month came to Hominy Valley to exhibit and sell their prize beef calves.

The occasion was the 18th annual Western North Carolina Fat Stock Show and Sale, and the colorful event unfolded in a two-day attraction at the Hominy Valley Horse and Hound Club show pavilion near Enka.

Besides ribbons, trophies, and memories, the youngsters took home \$34,829 in sale money. This represented an average of \$33.05 per 100 pounds paid by buyers for the 111 animals that were auctioned.

None of the entries was sold for less than 30 cents a pound. Assistant Buncombe County Agent J.

Raymond West said this year's sales average was about eight cents under last year's.

However, due to the current low level of livestock market prices, this average was higher than show officials expected, Mr. West said.

The grand champion Hereford owned by Paul Killian of Franklin was snapped up by Franklin Feed Mill for \$654, which was 60 cents a pound. The champ weighed 1090 pounds.

The reserve champion, an 820-pound Shorthorn owned by Robert Davis of Sylva, was bought by Jackson County 4-H Clubs for 50 cents a pound. The middleweight class winner was an 895-pounder owned by another Killian—Paul's brother Johnny.

Paul and Johnny Killian's blue ribbon calves were two of 35 entries from Macon County—heaviest regional representation at the event.

Judge at the show on the first day of the exhibition—Nov. 12—was Dr. E. R. Barrick of the North Carolina State College Department of Animal specialists of State College and the Husbandry. He was assisted by N. C. Department of Agriculture.

Besides their sales money, each exhibitor was given \$5 by the Asheville Coca-Cola Bottling Company, and on Wednesday night the Asheville Lions Club tossed a banquet for them.

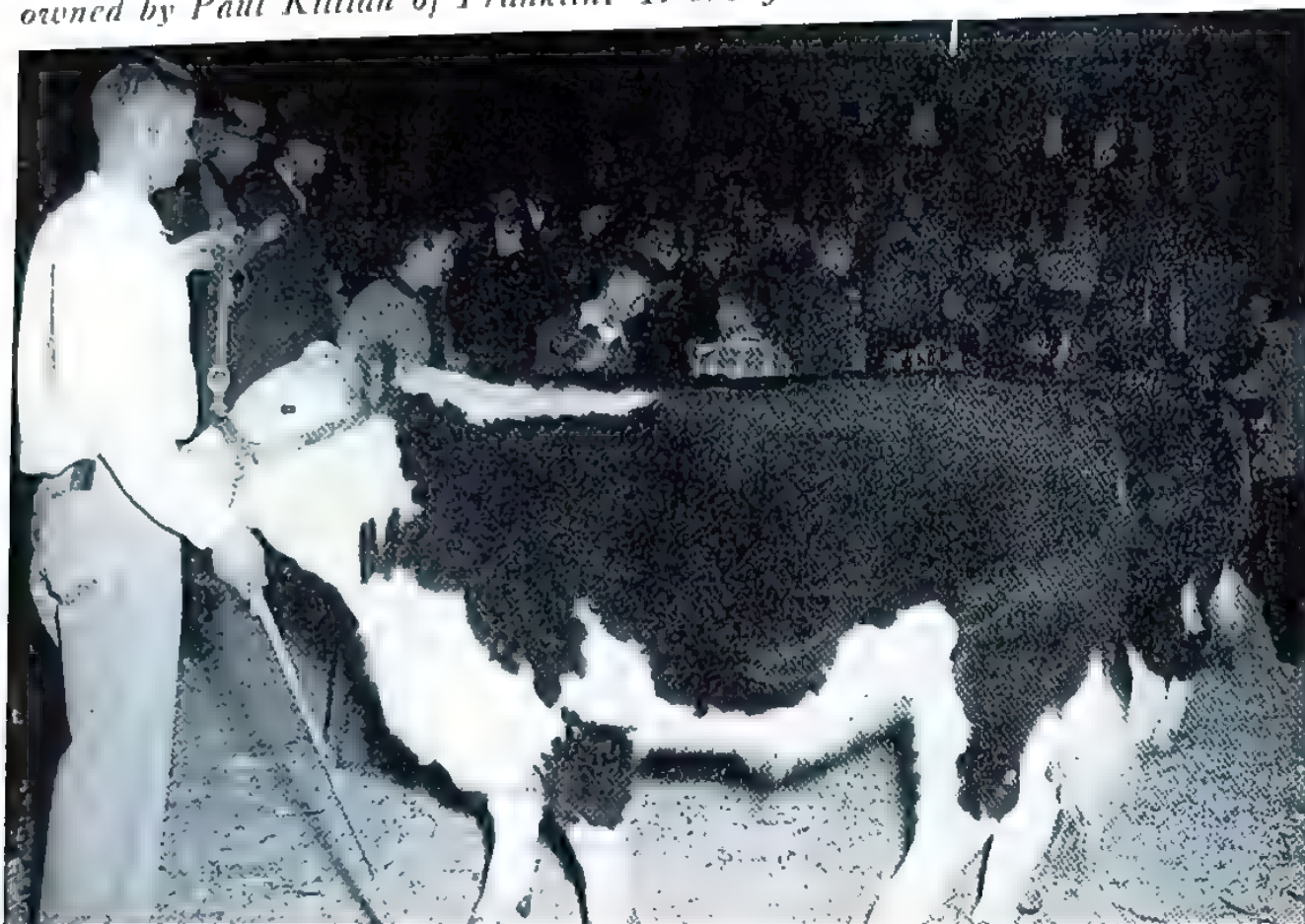
On the menu, incidentally, was ham, which Lions Club President Alston B. Broom explained away: "After all, they won't sell their beef 'til tomorrow."

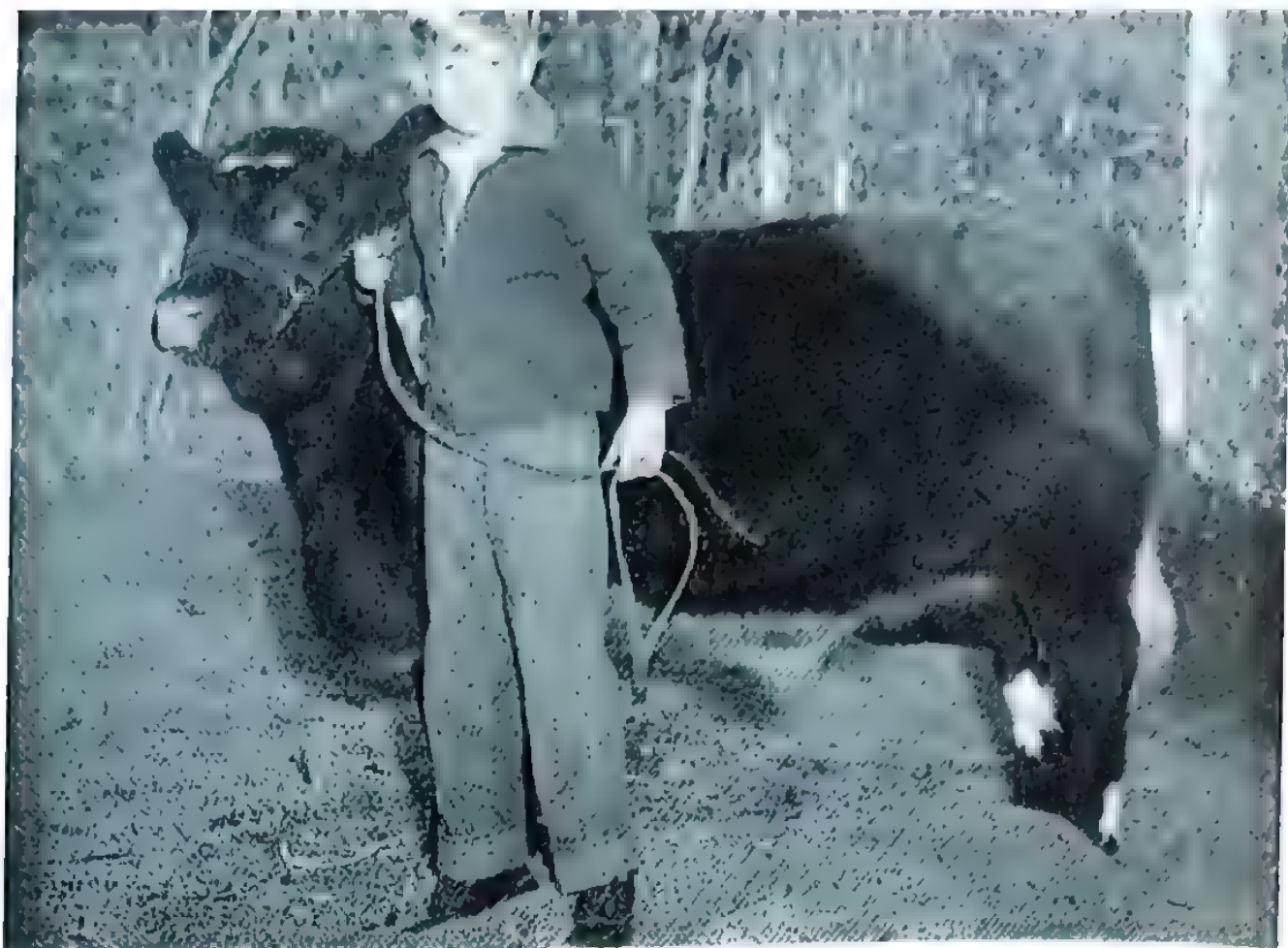
An estimated 1500 persons attended the show. Dave Hardin of Greeneville, Tenn., was auctioneer at the sale Thursday.



JUDGING at the show Wednesday was centered on three weight classes: lightweight, 875 pounds and under; middleweight, 876-975 pounds; and heavyweight, 976 pounds and up.

GRAND CHAMPION was the 1090-pound Hereford steer (foreground) owned by Paul Killian of Franklin. It brought 60 cents a pound.





RESERVE GRAND CHAMP was the 820-pound Shorthorn of 10-year-old Robert Davis of Sylva.

MIDDLEWEIGHT CHAMP was Johnny Killian's 895-pounder. Johnny calls him "Speedy" because "he never slows down."





AMiable DAVE HARDIN of Greeneville, Tenn., auctioned off the bovine elegance at the sale Thursday afternoon.

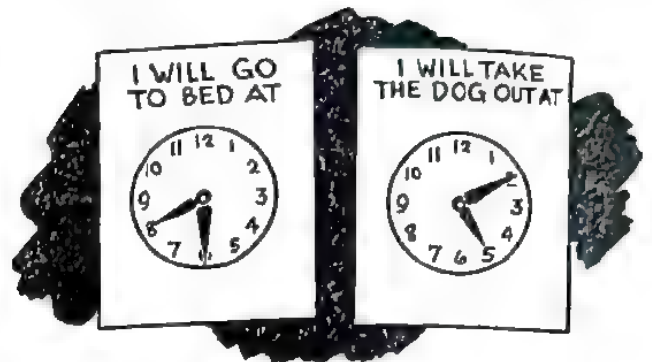
HEY . . . HOW DID THESE GET IN HERE? . . . A 4-H hog-judging contest Wednesday afforded young pork chop experts a chance to shine.



Small Frys'

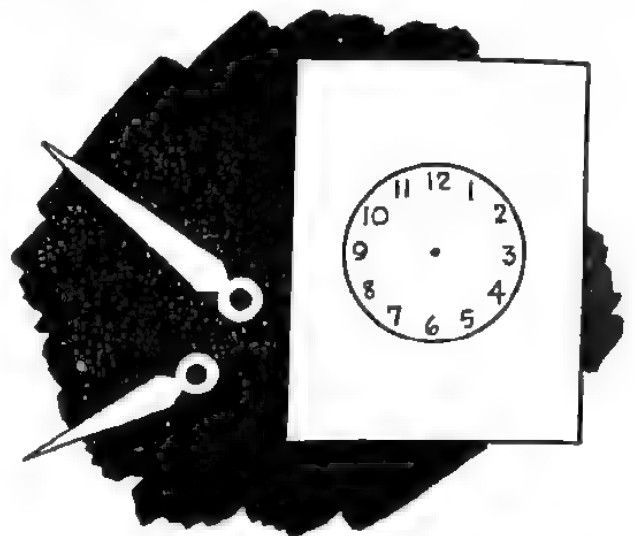
Memory Clocks

Memory clocks are very business-like to hang up in your bedroom—especially as the time approaches for Santa Claus to pay his annual visit. The clocks help you keep up with



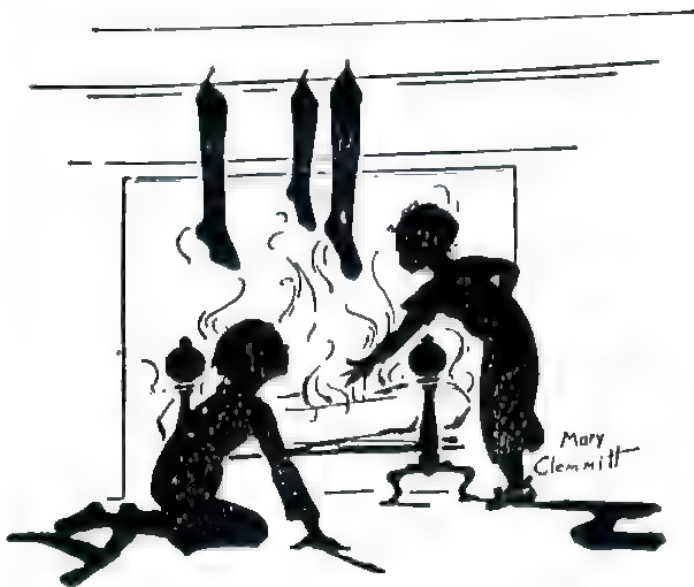
your chores around the house by reminding you when you are going to do certain things.

One clock will state, "I will go to bed at—" and the movable hands reveal the hour. Another can say, "I will take the dog out at—" and



then give the hour. The hours indicated by the movable hands can be changed any time you wish.

To make a memory clock you need



How Many Words?

It's time again for our word game and December has given us a "natural." Let's sharpen up our pencils and wits and see how many words we can make from "Christmas." Shoot for at least 25.

How Successful Men Got Their Start

A recent survey was made of a 1000 successful men to learn how they got their start in life.

These men are not mere money-makers, but they are men who have made the world better by their work. This is how they got their start:

Three hundred started as farmers' sons. Two hundred started as messenger boys. Two hundred were newsboys. One hundred were printers' apprentices. One hundred began at the bottom of railroad work.

Fifty, only 50, had wealthy parents to give them a start.

Answer to Puzzle

Go from No. 1 to 5, 11, 2, 5 and 9, totaling 33.

Playground

a piece of cardboard five inches wide and seven inches long. Draw a circle on it four inches wide. In this print the 12 hours as on the face of a real clock. Make a small hole at the center.

Out of cardboard cut the hour hand and a bigger minute hand. Color them black. Make a hole in the hub end of each hand.

Fasten the hands to the face of the clock with a brad-type paper clip, the kind that has a round, flat head and two prongs which can be spread



apart. This type of clip, slipped through the hole in the clock, will hold the hands to the clock face, yet allow them to be moved.

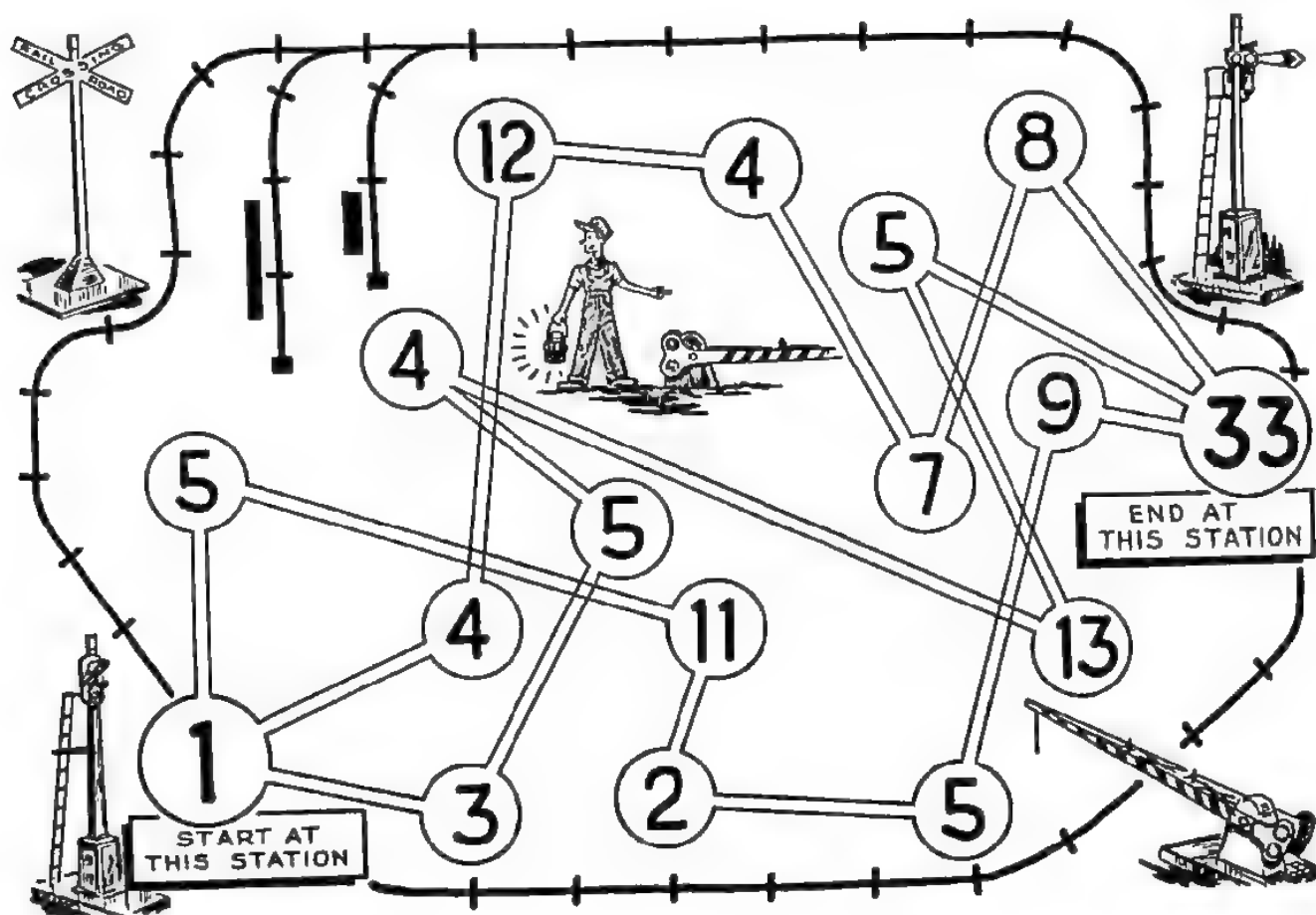
Above the face of the clock print the words that tell its purpose. It is then finished and ready to hang on the wall of your room.

Make a separate clock for each chore you do around the house day by day.

Santa Claus' Christmas Railroad Puzzle

Santa has laid out this toy train puzzle. "The numbers in the circles represent miles between stations. The problem is this: Starting at Station No. 1, what route (including "1") should you have the train follow to add up to 33, the mileage at the last station? The correct answer is printed elsewhere on Small Frys' Playground.

(Copyright)





EVERY MEMBER of the Boys Railroad Club has a specific assignment, must file a report and sometimes pay a fine if responsible for an accident.

scale-model railroading....

IN the last few years a new Railroad Club movement has swept the country, converting thousands of American cellars and attics into "tin-plate turnpikes."

It began when a group of boys pooled their scale-model equipment, know-how, and allowances to build a co-operative electric train layout in the basement of one of their homes.

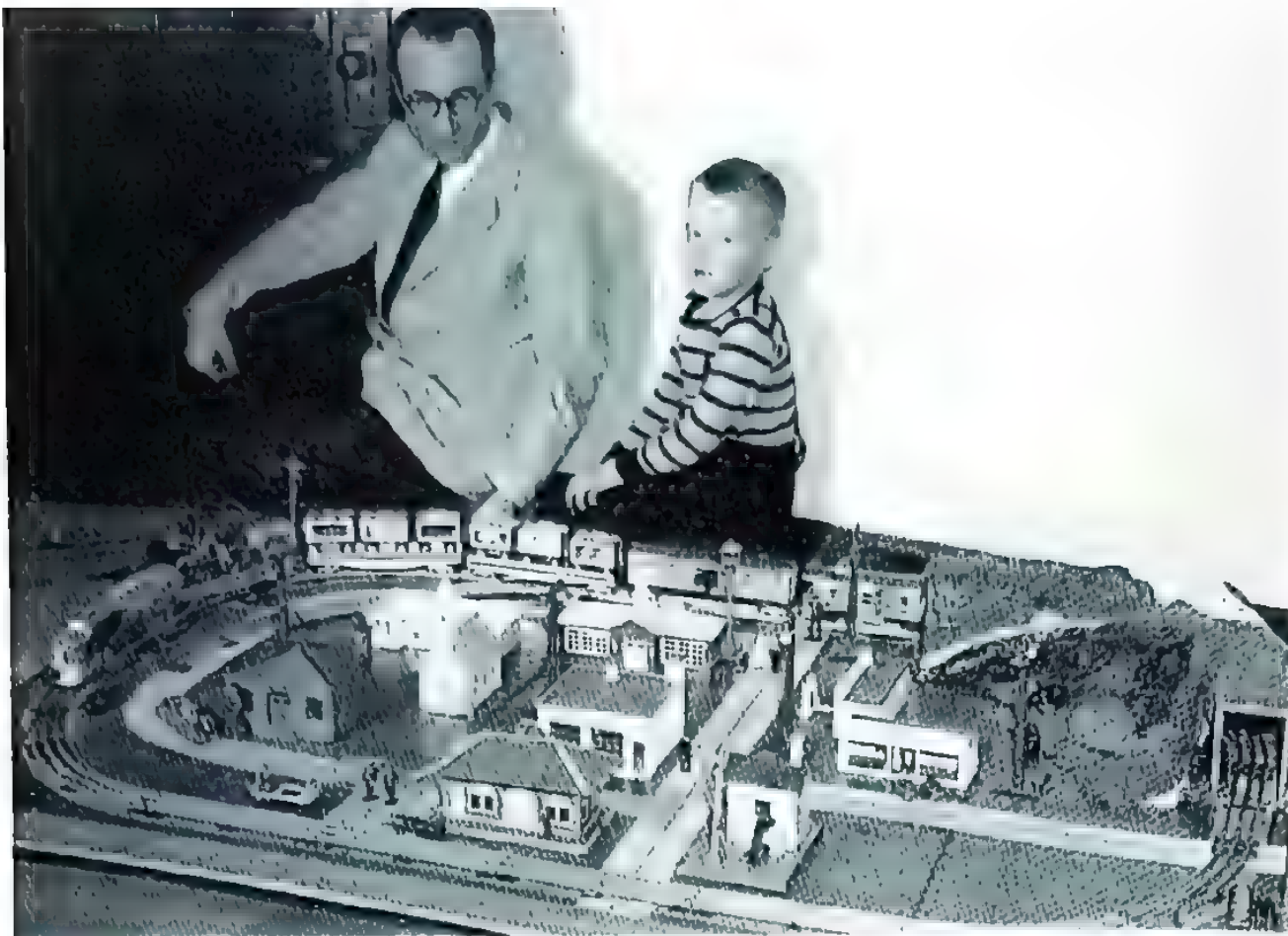
Today there are railroad clubs in virtually every U. S. town. Members have their own charters, by-laws, and magazines.

They have their own language, too. You shouldn't be shocked to hear one ask for a reefer. All he wants is a refrigerator car. When he speaks of giving a highball to the sacred ox, he means he is giving the

go-ahead to the locomotive.

Nor is the hobby limited to children. Since World War II sales of miniature electric trains to adults has risen sharply until today when a grown man walks into a store and orders a toy train it's an even bet he's buying it for himself and not—as he may imply to the clerk—his youngster. George V was a distinguished scale-model railroad enthusiast. So was Newton D. Baker, Secretary of War under Woodrow Wilson. So are Robert Montgomery, Yul Brynner, and Walt Disney—to mention only a few.

Enka kids—and dads—might like to organize such a club in their own community if none now exists. Sounds like great fun!



N. E. GOODE of the Enka Plant Controller's Dept. is a scale-model enthusiast . . . built this circus train—Philip's Circus—for his son.

YUL BRYNNER, star of "The King and I" and an ardent toy train fan, compares an early electric locomotive with the latest streamlined diesel.





FATE OF A FABRIC... *Bonny Carol Berry of the Lowland Plant Records Section looks charming in an afternoon dress by Martini—in William Rose crepe woven with Enka Rayon and acetate.*

Carol, who likes dancing, horseback riding, and swimming, is pictured entering Johnson Hall, dining room of the Andrew Johnson Hotel in Knoxville.

The Distaff Side

Make your own Christmas tree Ornaments....

Have you ever thought of gum, cigarettes, life-savers, or spools of thread as Christmas tree decorations?

Most of us can't envision such everyday objects as glittering tree ornaments. But they can be. A little imagination plus a few rolls of Christmas cellophane tape in bright colors will do the trick.

And, incidentally, after the holidays are over, you can chew, smoke, eat, or sew with the decorations.

Take cigarettes, for instance. By



ORIGINALITY and imagination have resulted in spools of thread and discarded crochet floss spools dressed up with colored cellophane tape.

stripping the outer wrapping from your favorite brand, you'll have love-

(Continued on next page)

SPOOLS OF THREAD can be glorified into Christmas tree ornaments with brightly colored cellophane tapes. Use colored threads as well as white, cover the labels on top and bottom with tape, and work out your own design over the thread. Add cutouts and sequins for glitter.





MAKE YOUR OWN Christmas cards this year. It's easy and inexpensive to make individual holiday messages. If you copy the designs shown here, all you need is white bristol board or construction paper, a roll of red cellophane tape, and black India ink.

ly silver foil coverings as a background for any kind of decorations you may wish to apply. Red and green cellophane tapes made in a variety of designs are simple to do and the effect is highly decorative. You may want to add a butterfly or a few sequins or a gold star or colorful cut-outs from a magazine.

Life-savers, combined with bright red tape, offer a vivid contrast against the dark green branches of the tree. You can make long chains of life-savers by looping one to another with red tape. Star shapes, wheels, and stylized designs are easily

made with these little candies. A whole package, wrapped in foil, can be dressed up with tape.

Spools of thread come in for the same treatment with colored tape. Use colored threads, preferably Christmas colors, and combine them in designs or decorate singly. Cover all labels at top and bottom with colored tape. Run strips of Christmas design tape diagonally over the thread or vertically in a pattern.

These are just a few ideas. You'll be able to think up a lot more . . . and besides the fun of carrying them out, you'll be saving money.

Photo by Harold M. Lambert





